

PTO/SB/06A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

**Complete if Known**

Application Number	10/789,809
Filing Date	2/27/2004
First Named Inventor	Freeman et al.
Art Unit	
Examiner Name	

Attorney Docket Number MS1 - 1747US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number <small>Number-Kind Code<sup>2</sup> (if known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
/B.K./	US- 20010014158	8/16/2001	Baltzley, Cliff A.		
/B.K./	US- 20010016909	8/23/2001	Gehrmann, Christian		
/B.K./	US- 20020038421	3/28/2002	Hamada, Tomohiro		
/B.K./	US- 20020090089	7/11/2002	Branigan, Steven; e		
/B.K./	US- 20020131601	9/19/2002	Ninomiya, Toshihiko;		
/B.K./	US- 20030028770	2/6/2003	Litwin, Louis Robert		
/B.K./	US- 20030105963	6/5/2003	Slick, Royce E.; et		
/B.K./	US- 20030217263	11/20/2003	Sakai, Tsutomu		
/B.K./	US- 5,784,463	7/21/1998	Chen, et al.		
/B.K./	US- 6,052,469	4/18/2000	Johnson, et al.		
/B.K./	US- 6,073,227	6/6/2000	Abily, et al.		
/B.K./	US- 6,097,818	8/1/2000	Saito		
/B.K./	US- 6,167,515	12/26/2000	Lin		
/B.K./	US- 6,185,308	2/6/2001	Ando, et al.		
/B.K./	US- 6,215,877	4/10/2001	Matsumoto		
/B.K./	US- 6,215,878	4/10/2001	Harkins		
/B.K./	US- 6,236,729	5/22/2001	Takaragi, et al.		
/B.K./	US- 6,311,270	10/30/2001	Challener, et al.		
/B.K./	US- 6,367,010	4/2/2002	Venkatram, et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document <small>Country Code<sup>2</sup>-Number<sup>3</sup>-Kind Code<sup>4</sup> (if known)</small>	Publication Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>5</sup>

Examiner Signature /Benjamin Kaplan/

Date Considered

06/14/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 501.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.1). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Any comments including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. E-MAIL TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9799 (1-800-767-9799) and select option 2.

PTO/SB/DBA (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

*Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.*

**Substitute for Form 1449 PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 2

U.S. Patent and Trademark Office Complete if Known	
Application Number	10/789,809
Filing Date	2/27/2004
First Named Inventor	Freeman et al.
Art Unit	
Examiner Name	
Attorney Docket Number	MS1- 1747US

U. S. PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENTS**

*Examiner  
Signature* /Benjamin Kaplan/

Date \_\_\_\_\_  
Page \_\_\_\_\_

06/14/2007

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)." For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." "Applicant is to place a check mark here if English language

Translation is attached.  
This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND  
Comments to: U.S. Patent and Trademark Office, Attn: Chief Information Officer, 1450 K Street, N.W., Washington, D.C. 20591.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
to a collection of information unless it contains a valid OMB control number.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sh

1

of 2

***Complete if Known***

Application Number	10/789,809
Filing Date	2/27/2004
First Named Inventor	Freeman et al.
Art Unit	
Examiner Name	
Attorney Docket Number	MS1- 1747US

U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	/Benjamin Kaplan/	Date Considered	06/14/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is included.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/789,809
		Filing Date	2/27/2004
		First Named Inventor	Freeman et al.
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	
		MS1- 1747US	

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
/B.K./		SCHNEIER, Bruce, "Applied Cryptography Protocols, Algorithms and Source Code in C, Second Edition", 1996, John Wiley & Sons, Inc., New York, pg. 461, pp 466-468, pp. 513-514.		
/B.K./		CLIFFORD, Kahn, "Report on DIMAC Workshop on Trust Management" Onlinel, March 10, 2003, Retrieved from the Internet: URL: <a href="http://web.archive.org/web/20030310045643/http://ieee-security.org/Cipher/ConfReports/conf-rep-DIMACst.html">http://web.archive.org/web/20030310045643/http://ieee-security.org/Cipher/ConfReports/conf-rep-DIMACst.html</a> , pp. 2-3.		
/B.K./		Wen-Chen Wang, "How a SCVP client authenticates the SCVP server", Onlinel September 12, 2003, Retrieved from the Internet: URL: <a href="http://www.imc.org/ietf-pkix/old-archive-03/msg01323.html">http://www.imc.org/ietf-pkix/old-archive-03/msg01323.html</a> , page 1.		

Examiner Signature	/Benjamin Kaplan/	Date Considered	06/14/2007
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
				Filing Date	February 27, 2004
				First Named Inventor	Freeman
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	MS1-1747US

Examiner Signature	/Benjamin Kaplan/	Date Considered	06/14/2007
-----------------------	-------------------	--------------------	------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Application Number</b>	
				<b>Filing Date</b>	February 27, 2004
				<b>First Named Inventor</b>	Freeman
				<b>Group Art Unit</b>	
				<b>Examiner Name</b>	
Sheet	2	of	2	Attorney Docket Number	MS1-1747US

Examiner Signature	/Benjamin Kaplan/	Date Considered	06/14/2007
--------------------	-------------------	-----------------	------------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.